

WEST Search History

DATE: Thursday, May 13, 2004

Hide? Set Name Query

Hit Count

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

L1 MONOOXYGENASE WITH BURKHOLDERIA 13

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Find Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 13 returned.

1. Document ID: US 20040073966 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 13

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040073966

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040073966 A1

TITLE: Herbicide-tolerant plants through bypassing metabolic pathway

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zink, Olivier	Clermont-Ferrand		FR	
Paget, Eric	Caluire		FR	
Rolland, Anne	Lyon		FR	
Sailland, Alain	Saint-Didier-Au-Mont-D'or		FR	
Freyssinet, Georges	Saint-Cyr-Au-Mont-D'or		FR	

US-CL-CURRENT: 800/278; 435/189, 504/116.1, 530/370

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KINDC	Drawn De
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	-----------------------	--------------------------

2. Document ID: US 20030215859 A1

L1: Entry 2 of 13

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215859

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215859 A1

TITLE: DNA shuffling of monooxygenase genes for production of industrial chemicals

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Affholter, Joseph A.	Zephyr Cove	NV	US	
Davis, S. Christopher	San Francisco	CA	US	

Selifonov, Sergey A.

Plymouth

MN

US

US-CL-CURRENT: 435/6; 435/189, 435/320.1, 435/325, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Ds
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	--------------------------

□ 3. Document ID: US 20030170877 A1

L1: Entry 3 of 13

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170877

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170877 A1

TITLE: DNA fragment carrying toluene monooxygenase, gene, recombinant plasmid, transformed microorganism, method for degrading chlorinated aliphatic hydrocarbon compounds and aromatic compounds, and method for environmental remediation

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yano, Tetsuya	Kanagawa-ken		JP	
Nomoto, Tsuyoshi	Tokyo		JP	
Imamura, Takeshi	Tokyo		JP	

US-CL-CURRENT: 435/262.5; 435/189, 435/252.3, 435/320.1, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Ds
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	--------------------------

□ 4. Document ID: US 20030077768 A1

L1: Entry 4 of 13

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077768

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077768 A1

TITLE: Use of xylene monooxygenase for the oxidation of substituted polycyclic aromatic compounds

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bramucci, Michael G.	Folsom	PA	US	
Nagarajan, Vasantha	Wilmington	DE	US	
Thomas, Stuart M.	Wilmington	DE	US	

US-CL-CURRENT: 435/136

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Dra
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----

5. Document ID: US 20030073206 A1

L1: Entry 5 of 13

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073206

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030073206 A1

TITLE: Use of xylene monooxygenase for the oxidation of substituted monocyclic aromatic compounds

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bramucci, Michael G.	Folsom	PA	US	
Nagarajan, Vasantha	Wilmington	DE	US	
Thomas, Stuart M.	Wilmington	DE	US	

US-CL-CURRENT: 435/137; 435/155

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Dra
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----

6. Document ID: US 20020168738 A1

L1: Entry 6 of 13

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020168738

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020168738 A1

TITLE: DNA FRAGMENT CARRYING TOLUENE MONOOXYGENASE GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM, METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
YANO, TETSUYA	ATSUGI-SHI		JP	
NOMOTO, TSUYOSHITAKESHI	TOKYO		JP	
IMAMURA, TAKESHI	CHIGASAKI-SHI		JP	

US-CL-CURRENT: 435/189; 435/320.1, 536/23.2, 588/248, 800/21, 800/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Dra
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----

□ 7. Document ID: US 6626122 B2

L1: Entry 7 of 13

File: USPT

Sep 30, 2003

US-PAT-NO: 6626122

DOCUMENT-IDENTIFIER: US 6626122 B2

TITLE: Deactivatable biocides in ballast water

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Drawn De

□ 8. Document ID: US 6605430 B1

L1: Entry 8 of 13

File: USPT

Aug 12, 2003

US-PAT-NO: 6605430

DOCUMENT-IDENTIFIER: US 6605430 B1

TITLE: DNA shuffling of monooxygenase genes for production of industrial chemicals

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Drawn De

□ 9. Document ID: US 6586229 B1

L1: Entry 9 of 13

File: USPT

Jul 1, 2003

US-PAT-NO: 6586229

DOCUMENT-IDENTIFIER: US 6586229 B1

TITLE: Method for the production of .rho.-Hydroxybenzoate in species of pseudomonas and agrobacterium

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Drawn De

□ 10. Document ID: US 6569909 B1

L1: Entry 10 of 13

File: USPT

May 27, 2003

US-PAT-NO: 6569909

DOCUMENT-IDENTIFIER: US 6569909 B1

TITLE: Inhibition of biological degradation in fischer-tropsch products

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Drawn De

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACs

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bldw Refs
Generate OACS				

Search Results - Record(s) 11 through 13 of 13 returned.

11. Document ID: US 6472191 B1

Using default format because multiple data bases are involved.

L1: Entry 11 of 13

File: USPT

Oct 29, 2002

US-PAT-NO: 6472191

DOCUMENT-IDENTIFIER: US 6472191 B1

**** See image for Certificate of Correction ****

TITLE: DNA FRAGMENT CARRYING TOLUENE MONOOXYGENASE GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM, METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yano; Tetsuya	Atsugi			JP
Nomoto; Tsuyoshi	Komae			JP
Imamura; Takeshi	Chigasaki			JP

US-CL-CURRENT: [435/189](#); [435/252.3](#), [435/262.5](#), [435/320.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Drawn
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	-----------------------

12. Document ID: US 5874291 A

L1: Entry 12 of 13

File: USPT

Feb 23, 1999

US-PAT-NO: 5874291

DOCUMENT-IDENTIFIER: US 5874291 A

TITLE: Degradation of environmental toxins by a filamentous bacterium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Drawn
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	-----------------------

13. Document ID: EP 999274 A2

L1: Entry 13 of 13

File: EPAB

May 10, 2000

PUB-NO: EP000999274A2

DOCUMENT-IDENTIFIER: EP 999274 A2

TITLE: DNA fragment carrying toluene monooxygenase gene, recombinant plasmid, transformed microorganism, method for degrading chlorinated aliphatic hydrocarbon compounds and aromatic compounds, and method for environmental remediation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Claims](#) | [KDDC](#) | [Drawn](#) | [Des](#)

[Clear](#)

[Generate Collection](#)

[Print](#)

[Fwd Refs](#)

[Bkwd Refs](#)

[Generate CACS](#)

Terms	Documents
MONOOXYGENASE WITH BURKHOLDERIA	13

Display Format: [-]

[Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

\$%^STN;Highlighton= ***;Highlightoff=*** ;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1800EXS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 5 FEB 05 German (DE) application and patent publication number format changes
NEWS 6 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:19:42 ON 13 MAY 2004

| => FIL .ELIZ | COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---------------------|----------------------|------------------|---------------|
| FULL ESTIMATED COST | | 0.21 | 0.21 |

FILE 'MEDLINE' ENTERED AT 18:19:55 ON 13 MAY 2004

FILE 'SCISEARCH' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'LIFESCI' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOSIS' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 18:19:55 ON 13 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 18:19:55 ON 13 MAY 2004
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2004)

FILE 'ESBIOBASE' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOTECHNO' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'WPIDS' ENTERED AT 18:19:55 ON 13 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

=> S MONOOXYGENASE (5A) BURKHOLDERIA
L1 183 MONOOXYGENASE (5A) BURKHOLDERIA

=> S L1 (10A) (SEQUENCE OR GENE)
6 FILES SEARCHED...
10 FILES SEARCHED...
L2 37 L1 (10A) (SEQUENCE OR GENE)

=> DUP REM L2
PROCESSING COMPLETED FOR L2
L3 16 DUP REM L2 (21 DUPLICATES REMOVED)

=> D 1-10

L3 ANSWER 1 OF 16 MEDLINE on STN DUPLICATE 1
AN 2004157331 IN-PROCESS
DN PubMed ID: 15049922
TI Metabolic pathway engineering to enhance aerobic degradation of chlorinated ethenes and to reduce their toxicity by cloning a novel glutathione S-transferase, an evolved toluene o-monooxygenase, and gamma-glutamylcysteine synthetase.
AU Rui Lingyun; Kwon Young Man; Reardon Kenneth F; Wood Thomas K
CS Department of Chemical Engineering, University of Connecticut, Storrs, CT 06269-3222, USA.
SO Environmental microbiology, (2004 May) 6 (5) 491-500.
Journal code: 100883692. ISSN: 1462-2912.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20040331
Last Updated on STN: 20040424

L3 ANSWER 2 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:608754 BIOSIS
DN PREV200200608754
TI Use of molecular methods for tracking a genetically engineered microorganism for in situ bioremediation of organic solvent contaminants.
AU Nasso, N. E. [Reprint author]; Reardon, K. F. [Reprint author]; Wood, T. K.; Duteau, N. M. [Reprint author]
CS Colorado State University, Fort Collins, CO, USA
SO Abstracts of the General Meeting of the American Society for Microbiology, (2002) Vol. 102, pp. 400-401. print.
Meeting Info.: 102nd General Meeting of the American Society for Microbiology. Salt Lake City, UT, USA. May 19-23, 2002. American Society for Microbiology.
ISSN: 1060-2011.

DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
ED English
Entered STN: 27 Nov 2002
Last Updated on STN: 27 Nov 2002

L3 ANSWER 3 OF 16 HCPLUS COPYRIGHT 2004 ACS on STN
AN 2001:761158 HCPLUS
DN 136:320078

TI Genetic and functional analysis of the tbc operons for catabolism of alkyl- and chloroaromatic compounds in *Burkholderia* sp. strain JS150
AU Kahng, Hyung-Yeol; Malinvernini, Julianne C.; Majko, Michelle M.; Kukor, Jerome J.
CS Biotechnology Center for Agriculture and the Environment, Rutgers University, New Brunswick, NJ, 08901-8520, USA
SO Applied and Environmental Microbiology (2001), 67(10), 4805-4816
CODEN: AEMIDF; ISSN: 0099-2240
PB American Society for Microbiology
DT Journal
LA English

RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 16 MEDLINE on STN DUPLICATE 2
AN 2001347158 MEDLINE
DN PubMed ID: 11410285

TI Purification and catalytic properties of the chlorophenol 4-monoxygenase from *Burkholderia cepacia* strain AC1100.
AU Martin-Le Garrec G; Artaud I; Capeillere-Blandin C
CS Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, CNRS UMR 8601, Universite Rene Descartes, Paris V, 45 rue des Saints Peres, 75270 Cedex 06, Paris, France.
SO Biochimica et biophysica acta, (2001 Jun 11) 1547 (2) 288-301.
Journal code: 0217513. ISSN: 0006-3002.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010806
Last Updated on STN: 20010806
Entered Medline: 20010802

L3 ANSWER 5 OF 16 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V. on STN DUPLICATE
AN 2001135630 ESBIOBASE
TI Purification and catalytic properties of the chlorophenol 4-monoxygenase from *Burkholderia cepacia* strain AC1100
AU Martin-Le Garrec G.; Artaud I.; Capeillere-Blandin C.
CS C. Capeillere-Blandin, Laboratoire de Chimie, CNRS UMR 8601, Universite Rene Descartes, 45 rue des Saints Peres, 75270 Paris Cedex 06, France.
E-mail: chantal.blandin@biomedicale.univ-paris5.fr
SO Biochimica et Biophysica Acta - Protein Structure and Molecular Enzymology, (11 JUN 2001), 1547/2 (288-301), 32 reference(s)
CODEN: BBAEDZ ISSN: 0167-4838
PUI S0167483801001972
DT Journal; Article
CY Netherlands
LA English
SL English

L3 ANSWER 6 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2001-08618 BIOTECHDS
TI Purification and catalytic properties of the chlorophenol-4-monoxygenase from *Burkholderia cepacia* strain AC1100; involving flavin-monoxygenase
AU Artaud I; Capeillere-Blandin C; Martin-La Garrec G
CS CNRS
LO Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, CNRS UMR 8601, Universite Rene Descartes, Paris V, 45 rue des Saints Peres, 75270 Paris Cedex 06, France.
Email: chantal.blandin@biomedicale.univ-paris5.fr
SO Biochim.Biophys.Acta Protein Struct.Mol.Enzymol.; (2001) 1547, 2, 288-301
CODEN: 1901H
DT Journal
LA English

L3 ANSWER 7 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2000-09780 BIOTECHDS
TI Novel DNA fragment encoding a toluene-monooxygenase, useful for degrading
a chlorinated aliphatic hydrocarbon compound, or an aromatic compound,
e.g. in environment remediation;
AU Yano T; Nomoto T; Imamura T
PA Canon
LO Tokyo, Japan.
PI EP 999274 10 May 2000
AI EP 1999-121681 2 Nov 1999
PRAI JP 1998-310801 30 Oct 1998
DT Patent
LA Japanese
OS WPI: 2000-306010 [27]

L3 ANSWER 8 OF 16 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 5
AN 2001:121633 SCISEARCH
GA The Genuine Article (R) Number: 397CJ
TI The catechol 2,3-dioxygenase ***gene*** and toluene-
monooxygenase ***genes*** from ***Burkholderia*** sp AA1,
an isolate capable of degrading aliphatic hydrocarbons and toluene
AU Ma Y; Herson D S (Reprint)
CS Univ Delaware, Dept Biol Sci, Newark, DE 19716 USA (Reprint)
CYA USA
SO JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, (SEP 2000) Vol. 25,
No. 3, pp. 127-131.
Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707
USA.
ISSN: 1367-5435.
DT Article; Journal
LA English
REC Reference Count: 33
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 9 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2001-02444 BIOTECHDS
TI The catechol-2,3-dioxygenase ***gene*** and toluene-
monooxygenase ***genes*** from ***Burkholderia*** sp.
AA1, an isolate capable of degrading aliphatic hydrocarbons and toluene;
cat B gene and tbhABCDEFG gene cluster sequence analysis and
recombinant expression in Escherichia coli; potential interest for
bioremediation
AU Ma Y; *Herson D S
CS Univ.Delaware
LO Department of Biological sciences, University of Delaware, Newark, DE
19716, USA.
SO J.Ind.Microbiol.Biotechnol.; (2000) 25, 3, 127-31
CODEN: JIMIE7 ISSN: 1367-5435
DT Journal
LA English

L3 ANSWER 10 OF 16 HCPLUS COPYRIGHT 2004 ACS on STN
AN 1998:371225 HCPLUS
DN 129:104904
TI Genes for 2,4,5-trichlorophenoxyacetic acid metabolism in Burkholderia
cepacia AC1100: characterization of the tftC and tftD genes and locations
of the tft operons on multiple replicons
AU Hubner, Anette; Danganan, Clyde E.; Xun, Luying; Chakrabarty, A. M.;
Hendrickson, William
CS Department of Microbiology and Immunology, College of Medicine, University
of Illinois at Chicago, Chicago, IL, 60612, USA
SO Applied and Environmental Microbiology (1998), 64(6), 2086-2093
CODEN: AEMIDF; ISSN: 0099-2240
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 11-16

AN 1998096793 MEDLINE
DN PubMed ID: 9435067
TI Rhizoremediation of trichloroethylene by a recombinant, root-colonizing Pseudomonas fluorescens strain expressing toluene ortho-monoxygenase constitutively.
AU Yee D C; Maynard J A; Wood T K
CS Department of Chemical and Biochemical Engineering, University of California, Irvine 92697-2575, USA.
SO Applied and environmental microbiology, (1998 Jan) 64 (1) 112-8.
Journal code: 7605801. ISSN: 0099-2240.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 199803
ED Entered STN: 19980319
Last Updated on STN: 19990129
Entered Medline: 19980310

L3 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:295626 HCAPLUS
DN 129:13097
TI Characterization of the toluene-3-monooxygenase and catechol 2,3-dioxygenase genes from Burkholderia cepacia AA1
AU Ma, Yuning
CS Univ. of Delaware, Newark, DE, USA
SO (1997) 151 pp. Avail.: UMI, Order No. DA9819157
From: Diss. Abstr. Int., B 1998, 58(12), 6378
DT Dissertation
LA English

L3 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:660354 HCAPLUS
DN 127:328765
TI Multiple pathways for toluene degradation in Burkholderia sp. strain JS150
AU Johnson, Glenn R.; Olsen, Ronald H.
CS Department of Microbiology and Immunology, University of Michigan Medical School, Ann Arbor, MI, 48109-0620, USA
SO Applied and Environmental Microbiology (1997), 63(10), 4047-4052
CODEN: AEMIDF; ISSN: 0099-2240
PB American Society for Microbiology
DT Journal
LA English

L3 ANSWER 14 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 1997-11513 BIOTECHDS
TI Cross-regulation of toluene-monooxygenases by the transcriptional activators TbmR and TbuT;
toluene degradation by Burkholderia pickettii and Burkholderia sp.
AU Leahy J G; Johnson G R; *Olsen R H
CS Univ.Michigan
LO Department of Microbiology and Immunology, University of Michigan Medical School, Ann Arbor, MI 48109-0620, USA.
Email: ronolsen@umich.edu
SO Appl.Environ.Microbiol.; (1997) 63, 9, 3736-39
CODEN: AEMIDF ISSN: 0099-2240
DT Journal
LA English

L3 ANSWER 15 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 1998-01784 BIOTECHDS
TI Evidence for the evolution of a single component phenol/cresol-hydroxylase from a multicomponent toluene-monooxygenase;
Burkholderia pickettii phenol-hydroxylase gene cloning and characterization for application to petroleum hydrocarbon degradation e.g. phenol degradation
AU Olsen R H; Kukor J J; Byrne A M; Johnson G R
CS Univ.Michigan
LO Department of Microbiology and Immunology, 5608 Medical science Bldg II, University of Michigan Medical School, Ann Arbor, MI 48109-0231, USA.
SO J.Ind.Microbiol.Biotechnol.; (1997) 19, 5-6, 360-68
CODEN: JIMIE7 ISSN: 1367-5435
DT Journal
LA English

L3 ANSWER 16 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:661237 HCPLUS
DN 126:27433
TI Cascade regulation of the toluene-3-monoxygenase operon (*tbuA1UBVA2C*) of *Burkholderia pickettii* PK01: role of the *tbuA1* promoter (*PtbuA1*) in the expression of its cognate activator, *TbuT*
AU Byrne, Armando M.; Olsen, Ronald H.
CS Department Microbiology and Immunology, University Michigan Medical School, Ann Arbor, MI, 48109-0620, USA
SO Journal of Bacteriology (1996), 178(21), 6327-6337
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English

=> DIS HIS

(FILE 'HOME' ENTERED AT 18:19:42 ON 13 MAY 2004)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCPLUS, NTIS, ESBIOWBASE, BIOTECHNO, WPIDS' ENTERED AT 18:19:55 ON 13 MAY 2004
L1 183 S MONOOXYGENASE (5A) BURKHOLDERIA
L2 37 S L1 (10A) (SEQUENCE OR GENE)
L3 16 DUP REM L2 (21 DUPLICATES REMOVED)

=> LOG H

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 37.34 | 37.55 |

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:22:48 ON 13 MAY 2004